

PETROV, N.A., red.; PETRENKO, L.I., red.; SAVITSKIY, P.S., red.; SINITSIN,
V.I., red.; KOLOTYRKIN, Ya.M., red.; SIRKUS, N.P., red.; ROMM,
R.F., red.; ANTYSHEV, P.I., red.; VARTAZAROV, S.Ya., red.;
ZAITSEV, A.I., red.; ZEZYULINSKIY, V.M., red.; ZEDGINIDZE, G.A.,
red.; MARTYNKIN, F.F., red.; ROGACHEV, V.I., red.; SLATINSKIY,
A.N., red.; LEVINA, Ye.S., vedushchiy red.; TITSKAYA, B.F.,
vedushchiy red.; PERSHINA, Ye.G., vedushchiy red.; IONEL', A.G.,
vedushchiy red.; ZARETSKAYA, A.I., vedushchiy red.; MUKHINA, E.A.,
tekhn.red.

[Transactions of the Conference on the Introduction of Radioactive
Isotopes and Nuclear Radiation into the National Economy of the
U.S.S.R.] Trudy Vsesoiuznogo soveshchaniia po vnesdreniiu radio-
aktivnykh izotopov i iadernykh izluchenii v narodnoe khoziaistvo
SSSR. Pod red. N.A.Petrova, L.I.Petrenko i P.S.Savitskogo.
Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry.
Vol.1. [General aspects of isotope applications. Instruments
with sources of radioactive radiation. Radiation chemistry.
Chemical and petroleum refining industry]

(Continued on next card)

PETROV, N.A.---(continued) Card 2.

Obshchie voprosy primeneniia izotopov. Pribory s istochnikami radioaktivnykh izluchenii. Radiatsionnaya khimiia. Khimicheskais i nefteperersbatyvayushchais promyshlennost'. 1961. 340 p. Vol.2. [Construction and the industry of construction materials. Light industry. Food industry and agriculture. Medicinal] Stroitel'stvo i promyshlennost' stroitel'nykh materialov. Legkais promyshlennost'. Pishchevais promyshlennost' i sel'skoe khozisistvo. Meditsina. 1961. 267 p.

(MIRA 14:4)

1. Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnoye khozyaystvo SSSR. Riga, 1960.

(Radioisotopes) (Radiation)

PHASE I BOOK EXPLOITATION

SOV/5486

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniye v narodnoye khozyaystvo SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy soveshchaniya v 4 tomakh. t. 1: Obshchiye voprosy primeneniya izotopov, pribory s istochnikami radioaktivnykh izlucheniye, radiatsionnaya khimiya, khimicheskaya i neftepererabatyvayushchaya promyshlennost' (Radioactive Isotopes and Nuclear Radiations in the National Economy of the USSR; Transactions of the Symposium in 4 Volumes. v. 1: General Problems in the Utilization of Isotopes; Instruments With Sources of Radioactive Radiation; Radiation Chemistry; the Chemical and Petroleum Refining Industry) Moscow, Gostoptekhizdat, 1961. 340 p. 4,140 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tehnicheskiy komitet Soveta Ministrov SSSR, and Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii.

Ed. (Title page): N.A. Petrov, L.I. Petrenko and P.S. Savitskiy; Eds. of this Vol.: L.I. Petrenko, P.S. Savitskiy, V.I. Sinitsin, Ya. M. Kolotyrkin, N.P. Syrkus and R.F. Romm; Executive Eds.: Ye. S. Levina and B. F. Titskaya; Tech. Ed.: E.A. Mukhina.

Card 1/12

Radioactive Isotopes (Cont.)

SOV/5486

PURPOSE: The book is intended for technical personnel concerned with problems of application of radioactive isotopes and nuclear radiation in all branches of the Soviet economy.

COVERAGE: An All-Union Conference on problems in the introduction of radioactive isotopes and nuclear radiation into the national economy of the Soviet Union took place in Riga on 12-16 April 1960. The Conference was sponsored by: the Gosudarstvenny nauchno-tehnicheskiy komitet Soveta Ministrov SSSR (State Scientific and Technical Committee of the Council of Ministers, USSR); Glavnaya upravleniya po ispol'zovaniyu atomnoy energii pri Sovete Ministrov SSSR (Main Administration for the Utilization of Atomic Energy of the Council of Ministers, USSR); Academy of Sciences, USSR; Gosplan USSR; Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers, USSR, for Automation and Machine Building) and the Council of Ministers of the Latvian SSR. The transactions of this Conference are published in four volumes. Volume I contains articles on the following subjects: the general problems of the Conference topics; the state and prospects of development of radiation chemistry; and results and prospects of applying radioactive isotopes and nuclear radiation in the petroleum refining and chemical industries. Problems of designing and manufacturing instruments which contain sources of radioactive radiation and are used for checking and automation of technological processes are examined, along with problems of accident prevention in their use. No personalities are mentioned. References accompany some of the articles.

Card 2/12

Radioactive Isotopes (Cont.)

SOV/5486

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GENERAL PROBLEMS OF THE USE OF ISOTOPES

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Sokolov, V.S. Prospects of Using Instruments and Apparatus With Radioactive Radiation Sources for the Automation of Production Processes in the Individual Branches of Industry	35

Card-3/12

PETROV, N.A., red.; PETRENKO, L.I., red.; SAVITSKIY, P.S., red.; SPERANSKIY, M.A., red. toma; PETRENKO, L.I., red.; SAVITSKIY, P.S., red.; SPERANSKIY, M.A., nauchnyy red.; KUZ'MINA, N.N., vedushchiy red.; IONEL', A.G., vedushchiy red.; POLOSINA, A.S., tekhn. red.

[Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U.S.S.R.] Trudy Vsesoiuznogo soveshchaniia po vnedreniiu radioaktivnykh izotopov i iadernykh izluchenii v narodnoe khoziaistvo SSSR. Riga, 1960, v chetyrekh tomakh. Pod red. N.A.Petrova, L.I.Petrenko i P.S.Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol.4. [Mineral exploration, prospecting, and extraction] Poiski, razvedka i razrabotka poleznykh iskopaemykh. 1961. 284 p. (MIRA 14:6)

1. Vsesoyuznoye soveshchaniye po vnedreniyu radiaktivnykh izotopov i iadernykh izluchenii v narodnom khozyaystve SSSR. Riga, 1960.
(Mines and mineral resources) (Radioisotopes--Industrial applications)

PETROV, N.A., red.; PETRENKO, L.I., red.; SAVITSKIY, P.S., red.; RUMYANTSEV, S.V., red. toma; TSEPAYEV, V.A., red.toma; GRUZIN, P.L., red. toma; LEBEDEV, A.K., red. toma; GERASIMCHUK, G.S., red. toma; MIGAY, L.S., vedushchiy red.; SHOROKHOVA, L.I., vedushchiy red.; IONEL', A.G., vedushchiy red.; MUKHINA, E.A., tekhn. red.

[Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U.S.S.R.] Trudy Vsesoiuznogo soveshchaniia po vnedreniiu radioaktivnykh izotopov i iadernykh izlucheniis v narodnoe khoziaistvo SSSR. Riga, 1960, v chetyrekh tomakh. Pod red. N.A.Petrova, L.I.Petrenko i P.S.Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol.3.[Machinery industry. Metallurgy] Mashinostroenie. Metallurgiia. 1961. 224 p.
(MIRA 14:6)

1. Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnom khozyaystve SSSR. Riga, 1960.
(Metal industries) (Radioisotopes--Industrial applications)

SAVITSKY PS

PHASE I BOOK EXPLOITATION

10

SOV/5425

Fedorov, N.D., Candidate of Technical Sciences, Compiler

Kratkiy spravochnik inzhenera-fizika: Yadernaya fizika. Atomnaya fizika
(Concise Handbook for the Engineering Physicist: Nuclear Physics. Atomic
Physics) Moscow, Atomizdat , 1961. 507 p. 28,000 copies printed.

Ed.: A.F. Alyab'yev; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This reference book is intended for engineers and physicists working
in the field of atomic and nuclear physics.

COVERAGE: The first seven parts of the book contain the most necessary reference
material on atomic and nuclear physics. The remaining parts present information
and data from other related fields. The last part gives the information on
systems of units compiled from the new GOST specifications, physical constants,
and some mathematical data. No personalities are mentioned. References
accompany each part of the book.

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Concise Handbook (Cont.)

SOV/5425

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PART TWELVE. RADIOISOTOPES AND THEIR TECHNICAL APPLICATIONS
IN INDUSTRY (P. S. SAVITSKIY)

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Card-12/13

SAVITSKIY, P.S., otv. red.; KULISH, Ye.Ye., red.; FRADKIN, G.M., red.;
VORONOVA, A.I., red.; POPOVA, S.M., tekhn. red.

[Isotopes, radiation sources and radioactive materials;
catalog] Izotopy istochniki izluchenii i radioaktivnye materialy;
katalog. Izd.2., dop. Moskva, Gosatomizdat, 1962. 218 p.
(MIRA 16:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii.

(Isotopes) (Radiation)

VAL'TER, Anton Karlovich; PLAKSIN, Igor' Nikolayevich; GOL'DIN, Mikhail
L'vovich; SAVITSKIY, P.S., inzh., otv. red.; KURILOVA, T.M., red.;
TROFIMENKO, A.S., tekhn. red.

[Automatic density control of iron-ore flotation pulps with the
help of gamma rays] Avtomaticheskii kontrol' plotnosti zhelezo-
rudnoi pul'py gamma-luchami. Khar'kov, Izd-vo Khar'kovskogo
univ., 1962. 243 p. (MIRA 16:6)

(Flotation) (Gamma rays--Industrial applications)

SAVITSKIY, P.S.

Atomic energy and the chemical industry. Atom energ. 16 no.3:
191-194 Mr '64. (MIRA 17:3)

1. Chlen Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii
SSSR.

1000 1100

SAVITSKIY, S.N. (Moscow)

The first laboratory session in chemistry. Khim. v shkole 10
no.5:36-39 S-O '55. (MIRA 8:11)
(Chemistry--Study and teaching)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

~~AVITSKIY, Sergey Nikolayevich; SAVEL'YEVA, R.N., redaktor; DZHATIYEV, S.G.,~~
~~tekhnicheskiy redaktor; PONOMAREVA, A.A., tekhnicheskiy redaktor~~

[Chemistry lessons for the eighth grade in secondary schools;
based on practical experience] Uroki po khimii v VIII klasse
srednei shkoly; iz opyta raboty. Moskva, Gos.uchebno-pedagog.
izd-vo M-va presv. RSFSR, 1957. 127 p. (MIRA 10:11)
(Chemistry--Study and teaching)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

SAVITSKIY, S. Ye. --

"Development of Compositions of Plate Glass Which has High Chemical Stability." Cand Tech Sci, Belorussian Polytechnic Inst imeni I.V. Stalin, 29 Oct 54. (SB, 19 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

SAVITSKIY, S. E.

USSR/ Physics - Iridescence

Card 1/1 Pub. 104 - 5/14

Authors : Bezborodov, M. A., Act. Mem. Acad. Sci., USSR; and Savitskiy, S. E.

Title : Iridescence of glass

Periodical : Stek. i ker. 11/3, 14-15, Mar 1954

Abstract : A description is given of experiments performed to determine the nature of iridescence. The specimens experimented on were composed mainly of SiO_2 and other oxides such as enter into the composition of glass, and were tested for iridescence at different temperatures. It was found that the phenomenon of iridescence in glass depends on the capacity of SnO_2 to cling to the surface of glass and other substances and form a thin film. Five Russian references; 1931-1951.

Institution:

Submitted:

SOV/81-51-15-5118

Translation from: Referativnyy zhurnal. Khimiya. 1959, Nr 15, p 325 (USSR)

AUTHORS: Savitskiy, S.Ye., Ageyenkova, A.N., Orpel', M.A., Pshenichnikova, L.B.

TYPE: The Effect of Strontium Oxide on the Chemical Resistance of Sheet Glasses

PERIODICAL: Byull. Akad. Nauk SSSR, inform. Sovnarkhoz BSSR, 1958, Nr 6, pp 11 - 43

ABSTRACT: A total of 7 glasses have been synthesized on the base of the composition (in %): SiO_2 -72, Al_2O_3 -2, CaO -7, MgO -1, Na_2O -15, which proved in practice to be the best composition for sheet glass. The effect of the substitution of CaO by SrO , and MgO by SrO on the chemical resistance of the glasses has been studied; SrO is introduced into the composition of the glasses instead of the mentioned oxides in equimolecular quantities. Raw materials: Loyevskiy sand, Al_2O_3 , CaCO_3 , MgCO_3 , SrCO_3 . The chemical resistance was determined by the action of 10% normal solutions of Na_2CO_3 , alkali, HCl and H_2O_2 using the powder method. It has been established that SrO introduced into the composition of the glass at the expense of CaO and MgO (at the substitution it is recommended to introduce 1 - 3% SrO) positively affects the chemical

SOV/11-3-18-5

The Effect of Strontium Oxide on the Chemical Resistance of Sheet Glasses

resistance to H₂S₂O₈, solutions of alkalis and Na₂CO₃. It has been shown that in the case of the action of alkali solutions or Na₂CO₃ on the glass, the principal role in the process of glass destruction play the OH ions.

I. V. Khryleva

Check 3/14

SAVITSKIY, T.A., inzh.

Study of heat emission and aerodynamic resistance in the wave
channels of a laminar heating surface. Energomashinostroenie 11
no.5:21-25 My '65. (MIRA 18:6)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

KURACH, A.G.; STAROSTENKO, A.Kh.; NEZHNIUKTO, V.Ya.; PAZENKO, I.A.; BYKOV, Yu.V.; VOL'PER, Ye.I.; GITEL'MAN, A.I.; GOL'DBERG, F.I.; IL'IN, K.M.; SAVITSKIY, T.A.

Principal results of testing the Soviet gas turbine plant (GTU-20) for seagoing vessels. Sudostroenie no.7:32-36 J1 '65.

(MIRA 18:8)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

VAL'PER, Ye.I., inzh.; SAVITSKIY, T.A., inzh.

Effect of impurities on the heat transfer and aerodynamic resistance
of an experimental air heater with a heat transfer surface made
of corrugated sheets. Energomashinostroenie 7 no.11:9-13 N
'61. (MIRA 14:11)

(Furnaces)
(Heat—Transmission)

BELOV, A.; SKAKUNOV, I.; SAVITSKIY, V., trener; GRAMAKOVSKIY, G.; DUDKOVA, O.;
MINAYEV, A.; PEN'KOV, I.; SEREBRYAKOV, Ye., master sporta

Increase the number of sportsmen and improve their skill. Za rul. 20
no.7:3 Jl '62. (MIRA 15:7)

1. Nachal'nik Vitebskogo avtomotokluba, predsedatel' oblastnoy
kollegii sudey (for Belov). 2. Predsedatel' soveta Vitebskogo
avtomotokluba (for Skakunov). 3. Chlen soveta Vitebskogo avtomotokluba
(for Savitskiy, Gramakovskiy, Dudkova)
(Vitebsk—Motor vehicles—Societies, etc.)

SAVITSKIY, V.A.

SAVITSKIY, V.A.; SHAFRANOVSKIY, I.I.

New data on the life and work of A.N. Karnozhitskii; on the 50th
anniversary of his death. Zap. Vses. min. ob-va 86 no.4:469-477
'57. (MIRA 11:1)

(Karnozhitskii, Aleksandr Nikolaevich, 1867-1901)

SAVITSKIY, V.A.

Some structural defects of high-power walking excavators. Ugol'
39 no.10:24-25 O '64. (MIRA 17:12)

1. Normativno-issledovatel'skaya stantsiya kombinata Dal'vostugol'.

SAVITSKIY, V.B.

Selecting the capacity of tank farms. Transp. i khran. nefti i
nefteprod. no.8:16-18 '65. (MIRA 18:9)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy
i gazovoy promyshlennosti im akad. Gubkina.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

SHPAKOVSKIY, V.I.; VIDGOP, L.N.; SAVITSKIY, V.B.

Operation of the Gazli-Ural gas pipeline. Gaz.prom. 6 no.5:37-41
My '61. (MIRA 14:5)
(Gas, Natural--Pipelines)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

SAVITSKIY, V.B.

Prospects for developing tank farms. Neft. khoz. 40
no.5:51-54 My '62. (MIRA 15:9)
(Tanks)

VIDGOP, Lev Naumovich; SAVITSKIY, Valeriy Borisovich; BRENTS, A.D.,
nauchnyy red.; REYKHERT, L.A., ved. red.; SAFRONOVA, I.M.,
tekhn. red.

[Technical and economic planning of gas pipelines] Tekhniko-
ekonomicheskoe proektirovanie magistral'nykh gazoprovodov.
Leningrad, Gostoptekhizdat, 1963. 186 p. (MIRA 16:5)
(Gas, Natural--Pipelines)

SAVITSKIY, V.B.

Some problems of seasonal variations in the consumption of petroleum products. Transp. i khran. nefti no.1:32-34 '63.
(MIRA 16:9)

1. Giprospetsgaz, Leningrad.

SAVITSKIY, V.B.

Development and location of petroleum supply centers. Neft.
khoz. 41 no.2:46-50 F '63. (MIRA 17:8)

SAVITSKIY, Valeriy Borisovich; NEVEL'SHTEYN, V.I., ved. red.;
DEM'YANENKO, V.I., tekhn. red.

[Economic basis of the construction and reconstruction of
tank farms] Ekonomicheskoe obosnovanie stroitel'stva i re-
konstruktsii neftebaz. Leningrad, Nedra, 1964. 198 p.
(MIRA 17:4)

L 22551-66 EMT(m)

ACC NR: AP6004503

SOURCE CODE: UR/0404/65/000/002/0096/0099

AUTHOR: Bocharov, Yu. S.; Savitskiy, V. F.

23
B

ORG: none

TITLE: Spontaneous and radiation-induced chromosome aberrations in the bone marrow of mice of various ages

SOURCE: AN KazSSR. Izvestiya. Seriya biologicheskikh nauk, no. 2, 1965, 96-99

TOPIC TAGS: x ray irradiation, radiation damage, chromosome aberration

ABSTRACT: Spontaneous and radiation-induced chromosome aberrations in the bone marrow of newborn mice, of mice upon reaching sexual maturity, and of old mice were studied in order to determine the importance of age on the production of cells with chromosome aberrations. The experiment was performed on newborn mice and on mice 2 months old and 10 months old. In view of reports of differing radiation sensitivity in males and females, only males were used in the experiment. A single x-ray dose of 100 rad was administered with the RUP-1 machine; the parameters were as follows: voltage--190 kw, current--15 ma, filters--0.5 mm cu and 0.75 mm Al, focussing distance--64 cm, intensity of dose--19.3 rad/min. The mice were killed 2, 6, 12 and 24 hours following irradiation. Data on chromosome aberrations resulting from the irradiation are shown

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ACC NR: AP6004503

in a table. A high number of aberrations were in the newborn mice; the percentage dropped in the 2 month old mice and rose in the 10 month old specimens. The curves for radiation-induced aberrations corresponded to those for spontaneous aberrations for mice of various ages. It is concluded that in the ontogenesis of the animals, there is a period of maximum cytogenetic cellular stability which corresponds to the time the animal reaches sexual maturity. Orig. art. has: 1 table, 1 figure.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 004

Card 2/2 BK

SOV/137-58-12-24770

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 111 (USSR)

AUTHOR: Savitskiy, V. G.

TITLE: Cold Shortness in Steel 20 Employed in High-pressure Pipes ('Khladnolomkost' stali 20 v trubakh vysokogo davleniya)

PERIODICAL: Tr. Vost.-Sib. fil. AN SSSR, 1957, Nr 6, pp 30-35

ABSTRACT: Investigations were carried out in order to evaluate the effects of heat-treatment procedures on the low-temperature α_k (resilience) of steel 20 employed in high-pressure pipes with a wall thickness of 27 mm and a diameter of 120 mm. The values of the α_k were determined, at 10° intervals, at temperatures ranging from +20 to -50°C on longitudinal specimens cut from pipes which had been heat treated in accordance with the following procedures: 1) Annealing at 920° ; 2) normalization from 920° ; 3) normalization from 920° with accelerated cooling (blowing of air); 4) quenching in water from a temperature of 900° followed by tempering at 600° . It was established that the critical temperature of embrittlement, which is not affected by annealing, is considerably decreased in the process of normalization and is reduced very greatly during tempering and annealing. Normalization in conjunction with

Card 1/2

SOV/137-58-12-24770

Cold Shortness in Steel 20 Employed in High-pressure Pipes

air-blow cooling yields results which are inferior to those obtained by cooling in still air. Procedure Nr 2 is recommended for high-pressure pipes operating at temperatures down to -50°.

T. F.

Card 2/2

Akademicheskii SSSR. Institut metallicheskikh nauchno-sistemnykh issledovanii. Prochnost' spalivov.

Izdatelstvo po zashchitnymu splavam, t. 5 [Investigations of Heat-Resistant Alloys, Vol. 5]. Moscow, Izd-vo AM SSSR, 1959. 423 p. Kremniy sliп inserted.

Ed. or Publishing Board: V.A. Klimov; Tech. Ed.: I.P. Kuz'min; Editorial Board: I.P. Baran, Academician, G.Y. Kudryavtsev, Academician, N.Y. Lepov, Corresponding Member, USSR Academy of Sciences (Rep., Ed.), I.A. Olsuf'yev, I.M. Pavlov, and I.P. Zadnii, Candidate of Technical Sciences.

PURPOSE: This book is intended for metallurgical engineers, research workers in metallurgy, and may also be of interest to students of advanced courses in metallurgy.

CONTENTS: This book, consisting of a number of papers, deals with the properties of heat-resistant metals and alloys. Each of the papers is devoted to the study of the factors which affect the properties and behavior of metals. The effects of various elements such as Cr, Mo, and V on the heat-resisting properties of various alloys are studied. Deformability and workability of certain metals as related to the thermal conditions are the object of another study described. The problems of hydrogen embrittlement, diffusion and the deposition of ceramic coatings on metal surfaces by means of electrophoresis are examined. One paper describes the apparatus and method used for growing monocrystals of metals. Boron-base metals are critically examined and evaluated. Results are given of studies of intermetallic bonds and the behavior of atoms in metal. Tests of turbine and compressor blades are described. No personalities are mentioned. References accompany most of the articles.

SARTSEV, V.D., and K.V. POGOREL'. Study of Certain Problems of the Temperature Dependence of the Plasticity of Steel From the Viewpoint of the Diffusion Theory

Gruzin, P.I., L.V. Partinov, A.N. Syntzenko, [deceased], and G.B. Fedorov. Self-diffusion in Chromium and Molybdenum

Fedorov, I.M., G.P. M.F. Shevelev, R.S. Englan, M.L. Butko, and J.-C. Karchevskii. Investigation of the Properties of EMT50 Steel

Zhdanov, G.I., P.L. Pashutina, and N.L. Solomentseva. Cast Austenitic Steel for Service at Temperatures of 650-700°C

Zuravlev, Yu. M., N.M. Platonov, A.V. Syrbchenko, A.I. Kotsikov, S.A. Tikhomirov, A.S. Loboda, D.I. Berezinskii, V.K. Isotovskii, and M.Z. Shustova. Heat-Resistant Alloy for Automotive and Stationary Gas Turbines

Makar, R.S. The Effect of Elements of Groups IV to VII of the Periodic Table on the Properties of Phase Steel

Kukharchyk, S.I. The Effect of Hardness and Grain Size on the Thermal Fatigue of Heat-Resistant Steel

Pontryagin, K.I., and O.V. Semenov. Study of Boride-Base Materials

Arshansky, P.M. Study of Phase Composition of the Diffusion Layer

Aseyev, R.A. On the Theory of Recovery and Coquille Alloying of Steels

Nekrasov, Yu.A., N.G. Strelkovskii, Y.I.Ye. Milk, G.P. Kochetkov, M.I. Antipov, I.V. Ulyanova, and V.A. Dere. Corrosion of Heat-Resisting Alloys

Makarov, S.I., and N.L. Solomentseva. Metallurgical Problems in Electropolishing Heat-Resisting Austenitic Steels and Nickel-Calcium-Based Alloys

Paschkevich, Yu.I., N.M. Medvedeva, and V.V. Latash. Improvement of Quality and Fertility of Alloyed Steels and Alloys by Means of Electropolishing Remelting in Water-Cooled Metal Boats

Loubarskiy, B.E. The Effect of Small Amounts of Addition Agents on the Property of Nickel-Base Alloys

Chirkov, D.M., and A.M. Grishnev. The Formation and Dissociation of Nickel-Yttrium Compounds

Pavlov, I.M. Forging of Hard-to-Forge Alloys

Rastegayev, N.V., and A.N. Sosulin. Specific Deformation Work [per Unit of Volume] of Certain Alloys

Korolev, A.I., and A.M. Sosulin. Mechanical Properties of Deformed Chromium

Korolev, N.I., I.G. Sosulin, S.B. Petrunin, and Ye.I. Petrubayev. Thermal-Mechanical Regime of Forging High-Welding Molybdenum-Based and Tungsten-Alloy Alloys

269

SOV/126-7-1-19/28

AUTHORS: Savitskiy, V.G., Popov, K.V. and Gayvoronskiy, L.A.

TITLE: Investigation of Dynamic Bending of Steels by Deformation Diagrams (Issledovaniye dinamicheskogo izgiba stalej po diagrammam deformatsii)

PERIODICAL: Fizika Metallov i Metallovedeniye, 1959, Vol 7, Nr 1,
pp 133-136 (USSR)

ABSTRACT: A comparative study of static and dynamic bending of a number of steels has been carried out and full deformation diagrams have been constructed. A pendulum impact testing machine of the type PSVO-1000, provided with an oscillographic instrument, was used for the recording of deformation during impact testing. This impact testing machine has a maximum energy of 10 kg-m. The oscillograph has a double-beam cathode tube permitting accurate recording of the deformation process during impact bend testing or during extension, within the co-ordinates force - path (deformation) and force - time. In Fig. 1 a typical full oscillogram for an impact bend obtained for the steel St.3 is shown. The deformation diagram ~~abgabe~~ occupies the middle portion of the oscillogram. Below it there is a vertical line P, representing the

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Investigation of Dynamic Bending of Steels by Deformation Diagrams

force scale. The length of this line is proportional to a force of 500 kg acting on the pendulum knife. Above is situated a sine-like curve of the time scale with a period of 10^{-3} sec. The deformation curve scale can be seen in the lower portion of the oscillogram. Its period corresponds to a shift of the pendulum knife by 2 mm. A straight line, representing the traces of the ray on its return to the initial position, is superimposed on this curve after applying the deformation scale. The essential results of tests with specimens of steel 30KhM in various conditions, obtained by heat treatment and contact butt welding, are shown in Table 1. In Table 2 a comparison of the mechanical characteristics of a few steels, found from deformation diagrams for static and dynamic bending, is given. In Figs. 2-4 diagrams for static and dynamic bending for three types of steel, for which three characteristic different shapes of static and impact deformation curves are observed, are represented on the same scale. The authors conclude that the work of fracture during dynamic bending may be either greater or less than the work of fracture during static bending. The maximum stress

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Investigation of Dynamic Bending of Steels by Deformation Diagrams

withstood by the specimen in testing is always greater during impact application of the load than during its static application. The onset of yield is particularly sensitive to increase in deformation rate. No definite connection between the plasticity of the steel and the nature of the relationship between the mechanical properties during static and dynamic bending of notched specimens was observed. There are 4 figures, 2 tables and 1 Soviet reference.

ASSOCIATION: Irkutskiy filial giproneftemasha, Vostochno-Sibirskiy filial AN SSSR (Irkutsk Branch of the Giproneftemash, East Siberian Branch of the Ac. Sc. USSR)

SUBMITTED: March 5, 1957

Card 3/3

SAVITSKIY, V.G.; POPOV, K.V.

Studying the temperature dependence of the creep limit of steel at
low loading speeds. Izv.Sib.otd.AN SSSR no.2:15-21 '60.
(MIRA 13:6)

1. Vostochno-Sibirskiy filial Sibirskego otdeleniya AN SSSR.
(Creep of metals)

SAVITSKIY, V.G.; POPOV, K.V.

Simultaneous manifestation of cold shortness and "anti-cold shortness"
[Cottrell hardening]. Issl. po zharcyy. splav. 6:227-230 '60.
(MIRA 13:9)

(Steel--Brittleness)

(Dislocation in metals)

21024

18.8200 1138, 1418, 4016

S/058/61/000/005/032/050
A001/A101

AUTHORS: Savitskiy, V.G., Popov, K.V.

TITLE: The determination of temperature at which the actual course of temperature dependence of the yield point deviates from the course predicted by the Cotrell (Kotrell) theory

PERIODICAL: Referativnyy zhurnal. Fizika, no 5, 1961, 277, abstract 5E311 ("Izv. Sibirsk. otd. AN SSSR", 1960, no 8, 138 - 142)

TEXT: The authors determine temperature T_1 , above which changes of yield point with temperature can not be explained by the Cotrell theory. The observed deceleration in the rate of the lowering of the yield point is considered as a result of interaction of moving dislocations, causing deformations, with dislocations braked by the impurity atoms. T_1 depends on the time of formation of a cloud, diffusion coefficient of impurity in the main substance lattice, a number of constants which are estimated in this work, and also on the rate of stresses growth during deformation ($\dot{\sigma}$). The latter factor affects T_1 less essentially

Card 1/2

The determination of temperature ...

S/058/61/000/005/032/050
A001/A101

than the other ones. Estimates show that in the case of steel (C-concentration in ferrite 0.003%): at $\delta' = 10^{-2}$ kg/mm².sec, $T_1 = 285^\circ\text{K}$, and at $\delta' = 3.5$ kg/mm².sec, $T_1 = 350^\circ\text{K}$. The f_1 values obtained agree well with experimentally established magnitudes.

V. R.

[Abstracter's note: Complete translation.]

Card 2/2

40987

18.8.200

S/659/62/009/000/021/030
I003/I203

AUTHORS: Savitskiy, V. G., and Popov, K. V.

TITLE: On the investigation of some peculiarities of the plasticity of solid solutions

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Issledovaniya po zharoprochnym splavam. v. 9. 1962. Materialy Nauchnoy sessii po zharoprochnym splavam (1961 g.), 150-153

TEXT: The nonlinear relationship between the yield point and the temperature for different rates of deformation cannot be fully explained by the dislocation theory of the flow of metals. This relationship was investigated for low-carbon steel for the temperature range from -196° to 600°C and for rates of deformation from $5 \cdot 10^{-4}$ mm/sec to $5 \cdot 10^{-3}$ mm/sec. The results show that the irregularities are due to small dislocation changes in the structure of the grains which take place during deformation and which the dislocation theory does not take into account. There are 2 tables.

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"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

POPOV, K.V., kand. tekhn. nauk; SAVITSKIY, V.G., inzh.

Studying the resistance to cold shortness of excavator parts
operating under severe climatic conditions. Stroi. i dor. mash.
8 no.3:31-33 Mr '63. (MIRA 18:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

L 6890-65 EWT(m)/EWP(q)/EWP(b) AEWL/ASD(m)-3/SSD/ASD(f)/AS(mp)-2/RAEM(t)

MJW/JD

ACCESSION NR: AR404425

8/0137/64/000/006/I103/I103

58

52

SOURCE: Ref. zh. Metallurgiya, Abs. 61593

AUTHOR: Zakharov, V. F.; Savitskiy, V. G.

TITLE: Determination of the elastic modulus and internal friction of steels at low temperatures

CITED SOURCE: Sb. Relaksats. yavleniya v met. i splavakh. M., Metallurgizdat, 1963,
226-228

TOPIC TAGS: steel, low temperature, elastic modulus, internal friction, sample bend method

TRANSLATION: To study the temperature dependence of the modulus of normal elasticity E and internal friction in steels there was used the dynamic method of bend of a sample. There is given a diagram of the installation. Cylindrical samples 180 mm long and 7 mm in diameter were suspended on thin Nichrome wires 0.05 mm in diameter near the points of bend oscillations of fundamental tone. The upper end of one suspension was connected with a mechanical oscillation exciter; the lower end was

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L 6890-65

ACCESSION NR: AR4044235

attached to a piezoelectric transducer. There are tested 2 sample-excitation schemes and it is shown that the scheme with forced oscillations does not have much more accurate readings than a scheme with self-excitation, and it can be used to study the temperature dependence of the elastic constants of steel in the low-temperature region. To increase the resonance-frequency accuracy there are used two electronic scalers of the PS-10000 "Floks" type and there is prepared a crystal oscillator with a fixed frequency of 2849.5 cps. To the input of one scaler is fed an amplified signal from the piezoelectric transducer; to the input of the other scaler is fed a voltage from the crystal oscillator. Magnitude E is determined by the formula

$$E = 1.6388 \cdot 10^8 \left(\frac{l}{d} \right)^{1/2} \frac{m}{f} R$$

where d is the diameter of the sample; l is the length of the sample; m is the mass of the samples; f is the natural frequency of the fundamental tone of the bend oscillations; R is the correction for the end effect, taken into account by the expression

$$R = \left[1 - 28.9 \left(\frac{d}{2l} \right)^{1/2} \right]^{1/2}$$

The sample was cooled in a thermostat, between the walls of which was liquid N₂ (-196°) or a mixture of gasoline with carbon dioxide. The drop in temperature

Card 2/3

L 6890-55

ACCESSION NR: AR4044235

6
during holding of the sample in the thermostat for 30 min was less than 1°.
Relative changes of E connected with a lowering of the temperature were measured
with an accuracy of ~0.05%; the absolute error was ~0.6%. There are given the
temperature dependences of E for steels 2Kh13, 1Kh13, 12KhL, 3KhN3M, and also
values of the damping decrements for steels 1Kh13 and 2Kh13.

SUB CODE: MM, AS

ENCL: 00

1Card 3/3

L 11301-65 EWT(m)/EWA(d)/EWP(k)/EWP(t)/EWP(b) Pf-4 ASD(f)/ASD(m)-3/
ASD(mp)-2 JD/HW
ACCESSION NR: AR4044009 S/0058/64/000/006/E082/E082

SOURCE: Ref. zh. Fizika, Abs. 6E626

AUTHOR: Savitskiy, V. G.; Popov, K. V.

TITLE: The role of relaxation phenomena in metal deformation at low temperatures

CITED SOURCE: Sb. Relaksats. yavleniya v met. i splavakh. M., Metallurgizdat,
1963, 300-302

TOPIC TAGS: relaxation phenomenon, metal deformation, low temperature, external loading, plastic deformation

TRANSLATION: Analyses the interaction between the process of external loading and the internal relaxation processes caused by it. For metals with a tendency toward cold brittleness, a drop in the test temperature hinders the occurrence of plastic deformation. The stress necessary for operation of the Franck-Reid sources increases due to a decrease of the role of temperature fluctuations. Simultaneously with a drop in temperature there is an increase in the anisotropy of the forces of shear along various crystallographic planes. There is considerable increase in the heterogeneity of deformation in the initial stages of deformation. The

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L 11301-65

ACCESSION NR: AR4044009

combined effect of these factors hinders stress relaxation due to local shear in individual volumes near the point of dislocation pile-up. Normal stresses in the region of the leader of dislocation pile-up can reach a level sufficient to destroy the continuity of the metal and form incipient cracks.

SUB CODE: SS, ME

ENCL: 00

Card 2/2

ZAKHAROV, V.P.; POPOV, K.V.; SAVITSKIY, V.G.

Effect of certain climatic features of Siberia on the operating efficiency of machinery. Dokl. Inst. geog. Sib. i Dals. Vest. no.7:37-41 '64. (MIRA 18:10)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

B17 E17

GARBER, Ye.D.; SAVITSKIY, V.I.; FILIMONOVA, I.T.

Initial-condition adjustment on on a pneumatic continuous computer,
Priborostroenie no.10:6-8 0 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

1847-25-1

SAVITSKIY, V.I., kandidat tekhnicheskikh nauk.

Hydraulic relay amplifier with reduced water consumption.
Sudostroenie 22 no.10:14-17 O '56. (MLRA 10:2)

(Electricity on ships)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

SHIBOLEV, V.N.; VYAZEMOV, N.V.; VYASOVSKII, V.V.; ZHURAVLEV, V.P.;
ZHURAVSII, N.G.; SAVILOV, V.I.

Use of concrete as shielding for nuclear reactors at high temperatures. /Atom. energ. 19 no.6:524-529 (D 165, 1961) /

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

SAVITSKIY, V.I., aspirant

Vagosympathetic novocaine block in the surgical treatment of
mitral stenosis. Zdrav.Bel. 8 no.11:23-24 N '62. (MIRA 16:5)

1. Iz kafedry fakul'tetskoy khirurgii (zav. kafedroy - prof.
P.N. Maslov) Minskogo meditsinskogo instituta.
(MITRAL VALVE—DISEASES) (NOVOCAINE)
(HEART—SURGERY)

SAVITSKIY, V.I.

Preoperative preparation of patients with mitral stenosis.
Zdrav.Bel. 9, no.2:16-18 F'63. (MIRA 16:7)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy kafedroy
prof. P.N.Maslov) Minskogo meditsinskogo instituta.
(MITRAL VALVE-SURGERY)

SAVITSKIY, V.I. aspirant

Complications during mitral commissurotomy, their prevention and treatment. Zdrav. Bel. 9 no. 7-28-32 Jl'63 (MIRA 17-4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. P.N. Maslov) Minskogo meditsinskogo instituta.

L 19786-65 Pb-4 SSD/AFWL/AMD

ACCESSION NR: ARI045761

S/0299/64/000/013/M016/M016

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 13M98

14

AUTHOR: Savitskiy, I. V.; Borisova, A. S.; Vasyutinskaya, Ye. M.;
Savitskiy, V. I.

B

TITLE: Certain metabolism link changes in the recipient's organism
after homotransplantation of skin flaps

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresadke tkaney i
organov, 1963. Yerevan, 1963, 438-439

TOPIC TAGS: metabolism, metabolism link, homotransplantation,
transplantation, skin, rabbit, dog, preservation

TRANSLATION: Metabolism changes were investigated in rabbits and
dogs with transplantation of unchanged skin and skin preserved by
chilling according to V. P. Filatov's method. Investigations were
conducted for 30 to 45 days, and in some cases longer. Protein and
carbohydrate metabolism, nucleic acid metabolism, activity of enzyme
systems, general condition of animals, and certain indices of vitamin

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L 19786-65

ACCESSION NR: AR4045761

metabolism were investigated. In the first days following transplantation, the level of serum proteins was reduced due to albumin and the globulin (gamma globulin) level increased. At later stages the globulin level decreased, particularly the alpha- and beta-fractions, and the concentration of residual nitrogen in the blood was reduced (due to urea and amino acids of the blood serum). The level of amino acids increased in erythrocytes. Glycogen breakdown and carbohydrate oxidation increased. Enzyme activity rose and recovery of vitamins B and C increased. All these changes took place with transplantation of both unchanged skin flaps and preserved skin flaps. The authors think that transplantation exerts a general stimulating effect on the recipient's organism.

SUB CODE: LS

ENCL: 00

Card 2/2

L 28387-66 EPF(n)-2/EWA(h)/EWT(m)/ETC(f)/EWG(m)/EWP(t)/ETI WW/JD/JG
ACC NR: AP6001794 (A) SOURCE CODE: UR/0089/65/019/006/0524/0529

AUTHOR: Dubrovskiy, V. B.; Krasnoyarov, N. V.; Kulakovskiy, M. Ya.;
Pergamenshchik, B. K.; Plinkhasik, M. S.; Savitskiy, V. I.

ORG: None

TITLE: Use of concrete for nuclear reactor shielding at high
temperatures

SOURCE: Atomnaya energiya, v. 19, no. 6, 1965, 524-529

TOPIC TAGS: nuclear reactor shield, nuclear reactor material,
chromite, concrete

ABSTRACT: A theoretical study is presented on the possible utilization
of heat-resistant chromite and ordinary refractory concretes for thermal
shielding of nuclear reactors. Ordinary concrete was chosen for investi-
gations because this material is widely used in industries while chromite
concrete was selected on account of its high neutron absorbing and mod-
erating properties and for its efficient gamma-shielding qualities. The
chemical compositions and physical properties of these two materials
were summarized in two tables. The heat release produced in concrete by
neutron fluxes was calculated under the condition that the gamma flux
was equal to zero. It was assumed, that neutrons were emitted from a
Pu-239 plate of a 5-cm thickness and infinite length. Data taken from

UDC: 621.039.538.7

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ACC NR: AP6001794

various sources were used for calculating neutron fluxes of different levels up to 10^{13} neutrons per sq cm sec. The distributions of neutron fluxes in ordinary and chromite concrete shieldings were graphically illustrated including total and fast neutron fluxes. Similar curves were plotted for gamma radiations per one neutron. The heat distribution inside chromiteconcrete shielding per one neutron was also represented. Temperatures were calculated for various neutron fluxes, concrete thicknesses and heat transfer coefficients. The results were plotted in four sets of curves. Mechanical stresses caused by differences in temperature were investigated in connection with the reinforcement of concrete in outer shielding areas. The calculations were made for cylindrical shielding made of chromite concrete (trade mark 400) with embedded metal rings (trade mark 2 x 13). The results of calculations for various thicknesses were tabulated. It was concluded that heat-resistant concrete could be used for neutron fluxes up to 10^{13} neutrons per sq cm sec, temperatures up to 1100 C and temperature drops up to 900 C. Orig. art. has: 3 tables and 7 figures.

SUB CODE:18, 11 / SUBM DATE: 21Jan65 / ORIG REF: 014 / OTH REF: 007

Card 2/2 CC

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

HAN

SAVITSKIY, V.K.

Mechanized production of kitchen furniture. Bum. i der. prom. no.2:
12-15 Ap-Je '63. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

SAVITSKIY, V.L., otv. red.; YASNOLORODSKAYA, M.M., red.; SOLOVEYCHIK,
A.A., tekhn. red.

[Tables of the time and level of high and low waters for 1960;
White Sea] Tablitsy vremen i vysot polnykh i malykh vod na 1960 g.;
Belos more. Leningrad, Gidrometeor. izd-vo, 1960. 31 p.

(MIRA 14:8)

1. Russia (1923- U.S.S.R.) Gidrograficheskoye upravleniye.
(White Sea—Tides—Tables)

RYBALKO, O.L. [Rybalka, O.L.]

Changes in the vaginal contents in trichomoniasis of the female genital tract. Ped., akush. i gin. 19 no.4:49-52 '57. (MIRA 13:1)

1. Kafedra akusherstva i ginekologii (zav. - dots. V.M. Savitskiy)
Kievskogo stomatologicheskogo instituta (dir. - prof. O.K. Gorchakov).
(VAGINA) (TRICHOMONIASIS)

Candidate of Juridical Sciences,

The above named/wrote an article, "Participation of the Public in the Struggle against Violations of Law and the Guarantees of Socialist Legality," in source.

SO: Sovetskoye Gosudarstvo i Pravo, No. 5 (May) 1963, UNCL.

wsh

SAVITSKIY, V.M.

Flexure of developable surfaces in Lobachevskii space. Uch. zap.
MOPI 123:469-474 -63.

Infinitesimal flexures of developable surfaces in Lobachevskii
space. Ibid.:475-478 (MIRA 17:4)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2

SYRKIN, Miron Mikhaylovich; SAVITSKIY, V.M.[Savyts'kyi, V.M.], red.

[Diagnosis of pregnancy and determination of its duration]
Diagnostyka vahitnosti i vyznachennia ii stroku. Kyiv,
Zdorov'ia, 1964. 36 p. (MIRA 18:1)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447410017-2"

Name: SAVITSKIY, Vasiliy Nikolayevich

Dissertation: Tissue therapy of diseases of the
female genital region

Degree: Doc Med Sci

Affiliation: /not indicated/

Defense Date, Place: 29 Sep 55, Council of Kiev Order of
Labor Red Banner Inst imeni Fogomolets

Certification Date: 30 Jun 56

Source: BMVO 5/57

SAVITSKIY, V.M. [Savyts'kyi, V.M.], doktor med.nauk

Tissue therapy in diseases connected with ovarian insufficiency. Ped.,
akush. i gin. 20 no.3:47-51 '58. (MIRA 13:1)

1. Kafedra akusherstva i ginekologii (zav. - prof. O.Yu. Iur'ye [deceased] Kiyevskogo meditsinskogo instituta (direktor - dots. I.P. Alekseyenko).

(TISSUE EXTRACTS) (OVARIES--DISEASES)

LUR'YE, Aleksandr Yudimovich, prof., vrach (1897-1958); MAKARCHENKO, A.F., prof., ovt. red.; YEVDOKIMOV, A.I., kand. med. nauk, red.; KALINICHENKO, T.Ya., kand. med. nauk, red.; KRUPKO, Yu.A., kand. med. nauk, red.; LOGUNOVA, A.G., kand. med. nauk, red.; PAP, A.G., kand. med. nauk, spets. red.; PANCHENKO, N.I., kand. med. nauk, red.; SAVITSKIY, V.N., doktor med. nauk, prof., red.; SVESHNIKOVA, N.V., kand. med. nauk, red.; TEL'NOVA, R.I., kand. med. nauk, red.; TIMOSHENKO, L.V., kand. med. nauk, spets. red.; YANKELEVICH, Ye.Ya., prof., red.; YANKOVSKAYA, Z.B., red. izd-va; MATVEYCHUK, A.A., tekhn. red.

[Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR.
1960. 425 p. (MIRA 14:7)

1. Chlen-korrespondent Akademii nauk USSR (for Lur'ye, Makarchenko)
(GYNECOLOGY)

SAVITSKIY, V.N. [Savyts'kyi, V.M.], doktor med.nauk

Diagnostic value of an indicator of blood clot tensile strength in
malignant affections of the female genitalia. Ped., akush. i gin.
20 no.6:149-51 '58. (MIRA 13:1)

1. Kafedra akushestva i ginekologii (zav. - prof. O.Yu. Lur'ye
[deceased]) lechebnogo fakul'teta Kiievskogo ordena Trudovogo Krasnogo
Znameni meditsinskogo instituta im. akad. A.A. Bogomol'tsa (direktor -
dots. I.P. Alekseyenko).

(BLOOD--COAGULATION) (GENERATIVE ORGANS, FEMALE--TUMORS)

PEYSAKHOVICH, Iosif Mironovich, prof.; KOL'NER, Rakhil' Yul'yevna; KORENEV-SKIY; Leonid Ivanovich; LEVCHUK, Georgiy Antonovich; MAZURENKO, Nikolay Petrovich; POLONSKIY, Boris Leonidovich; SAVITSKIY, Vasiliy Nikolayevich; TELENGATOR, Yakov Moisseyevich; UMANSKIY, Julian Aleksandrovich; GLUZMAN, F.A., red.; RAYZ, A.L., tekhn. red.

[Drug therapy for malignant tumors] Khimioterapiia zлокачественных опухолей. Kiev, Gos. med. izd-vo USSR, 1961. 304 p.

(MIRA 14:11)

(CANCER)

NIKOLAYEV, A.P., otv. red.; SHKOL'NIK, B.I., kand. med. nauk, red.;
BAKSHEYEV, N.S., prof., red.; VINOGRADOVA, S.P., prof., red.;
GRISHCHENKO, I.I., prof., red.; KORNILOVA, A.I., kand. med.
nauk, red.; KONSTANTINOV, V.A., prof., red.; MEDYANIK, R.V.,
red.; PAP, A.G., kand. med. nauk, red.; PETERBURGSKIY, F.Ye.,
prof., red.; SAVITSKIY, V.N., prof., red.; STEPANKOVSKAYA,
G.S., kand. med. nauk, red.; TIMOSHENKO, L.V., dots., red.;
YANKELEVICH, Ye.Ya., prof., red.

[Transactions of the Third Congress of Obstetricians and
Cynecologists of the Ukrainian S.S.R.] Trudy III s"ezda
akushero-ginekologov Ukrainskoi SSR. Kiev, Gosmedizdat,
1962. 370 p.

1. S"ezd akushero-ginekologov Ukrainskoy SSR. 3d, Kharkov,
1961. 2. Deystvitel'nyy chlen AMN SSSR (for Nikolayev).

SAVITSKIY, V.N., prof.

Use of alcohol thiopental-sodium anesthesia in gynecology.
Sovet.med. 27 no.6:82-87 Je'63 (MIRA 17:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. V.N. Savitskiy) Kiyevskogo instituta usovershenstvovaniya vrachey.

LITVINNOVA, S.L.; SAVITSKIY, V.S.

Changes in the bioelectric activity of the large hemispheres
and the role therein of the reticular formation of the brain
during acupuncture in patients with bronchial asthma and
peptic ulcer. Sbor. trud. GMI no.9:43-55 '62.

(MIRA 17:2)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. -
prof. K.A. Patsevich) i elektrofiziologicheskoy laboratorii
Krayevoy psikhiatricheskoy bol'nitsy (zav. - A.G. Sychev),
Krasnodar.

KRINITSKIY, Leonid Matveyevich, kandidat tekhnicheskikh nauk; SAVITSKIY,
V.T., otvetstvennyy redaktor; SAVIN, M.M., redaktor izdatel'stva;
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CA

PROCESSES AND PROPERTIES INDEX

9

Annealing of magnesium and "electron." A. A. Jochvar and E. M. Savitskii, *Tsvetnye Metal.* No. 5, 19-102 (1937).—Samples of Mg (99.9% pure) and "electron" (Al 0, Zn 1.0, Mn 0.35 and Mg 92.65%) were cold worked to various degrees and annealed at temps. from 150° to 400° for sufficient time to attain complete recrystallization. It was noted that in both metals the recrystallization is accomplished by the growth of existing grains at the expense of others when the percentage reduction by cold working does not exceed 9%; above this the recrystallization is accomplished by the formation and growth of new grains. It is recommended that the min. temps. of annealing should be 150-200° for Mg, and 175° to 200° for electron. At 450° rapid grain growth begins; this is taken as the upper limit of annealing temp. B. N. Daniloff

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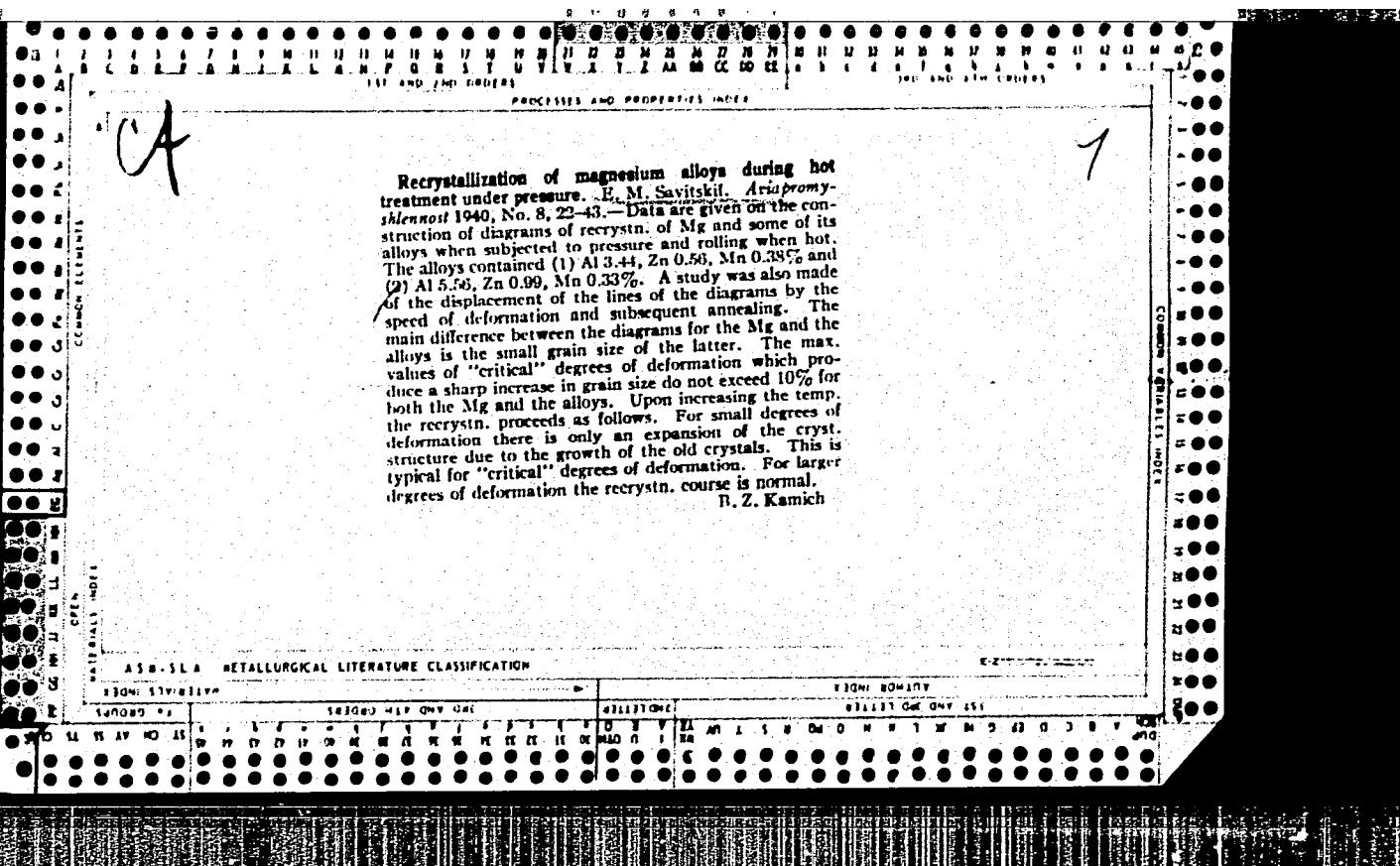
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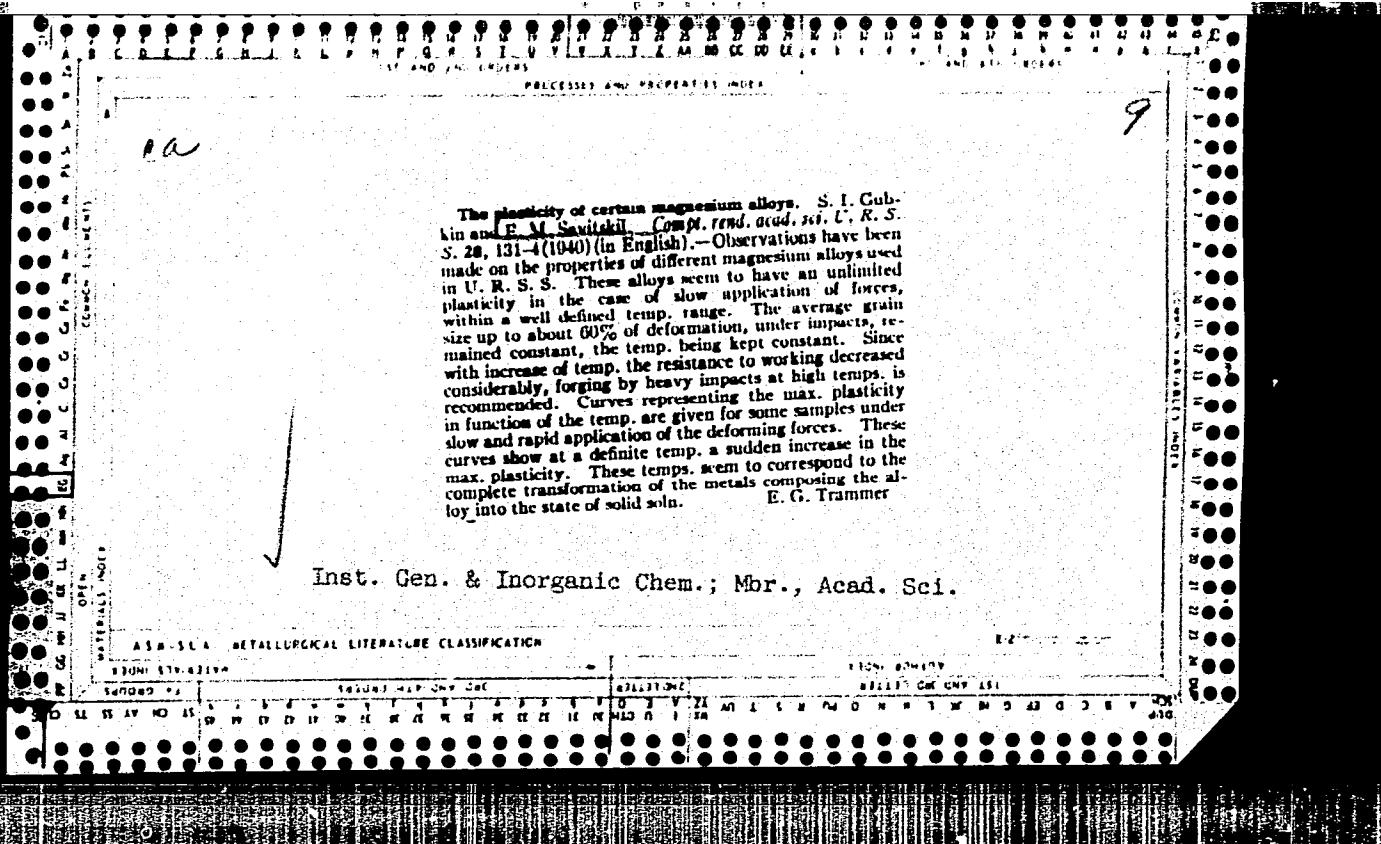
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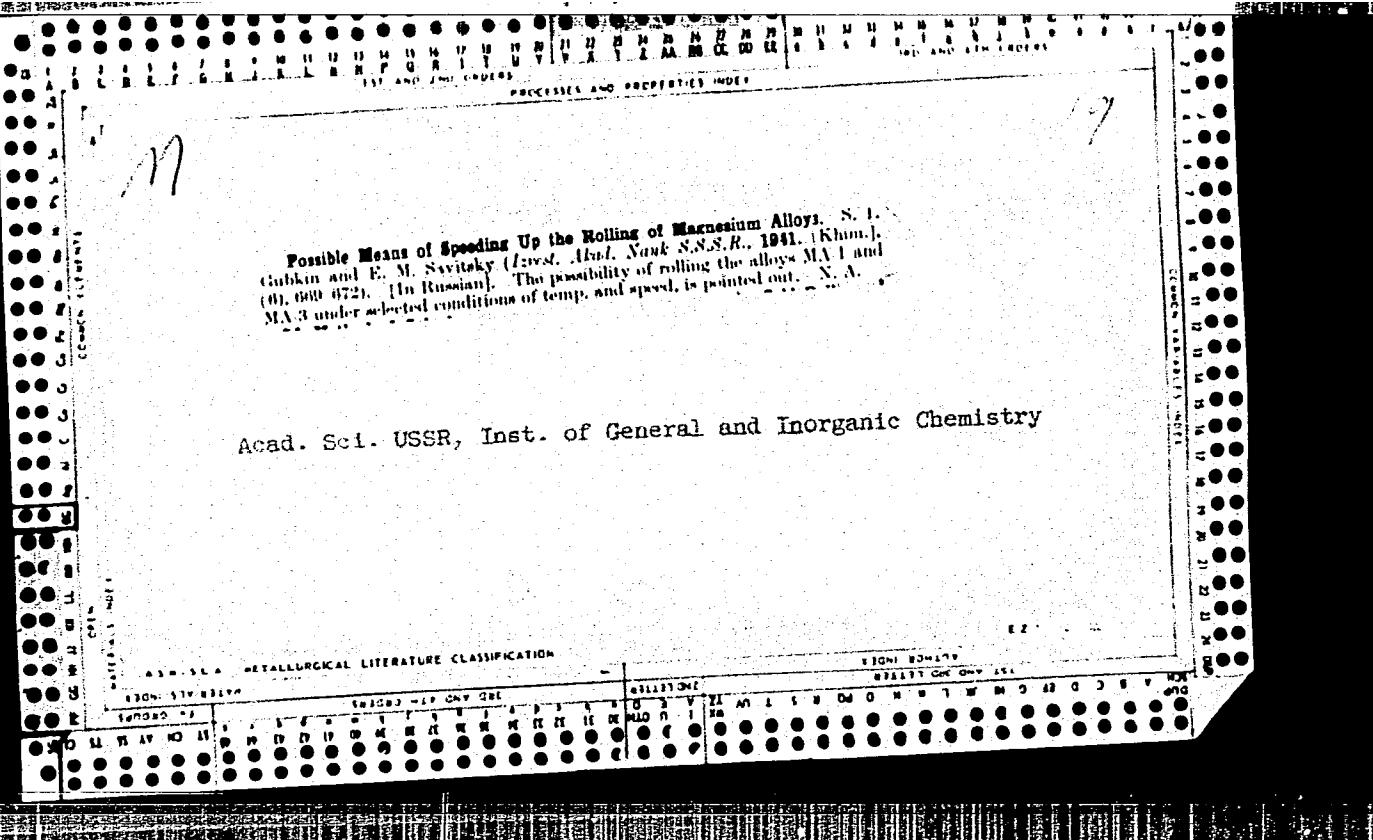
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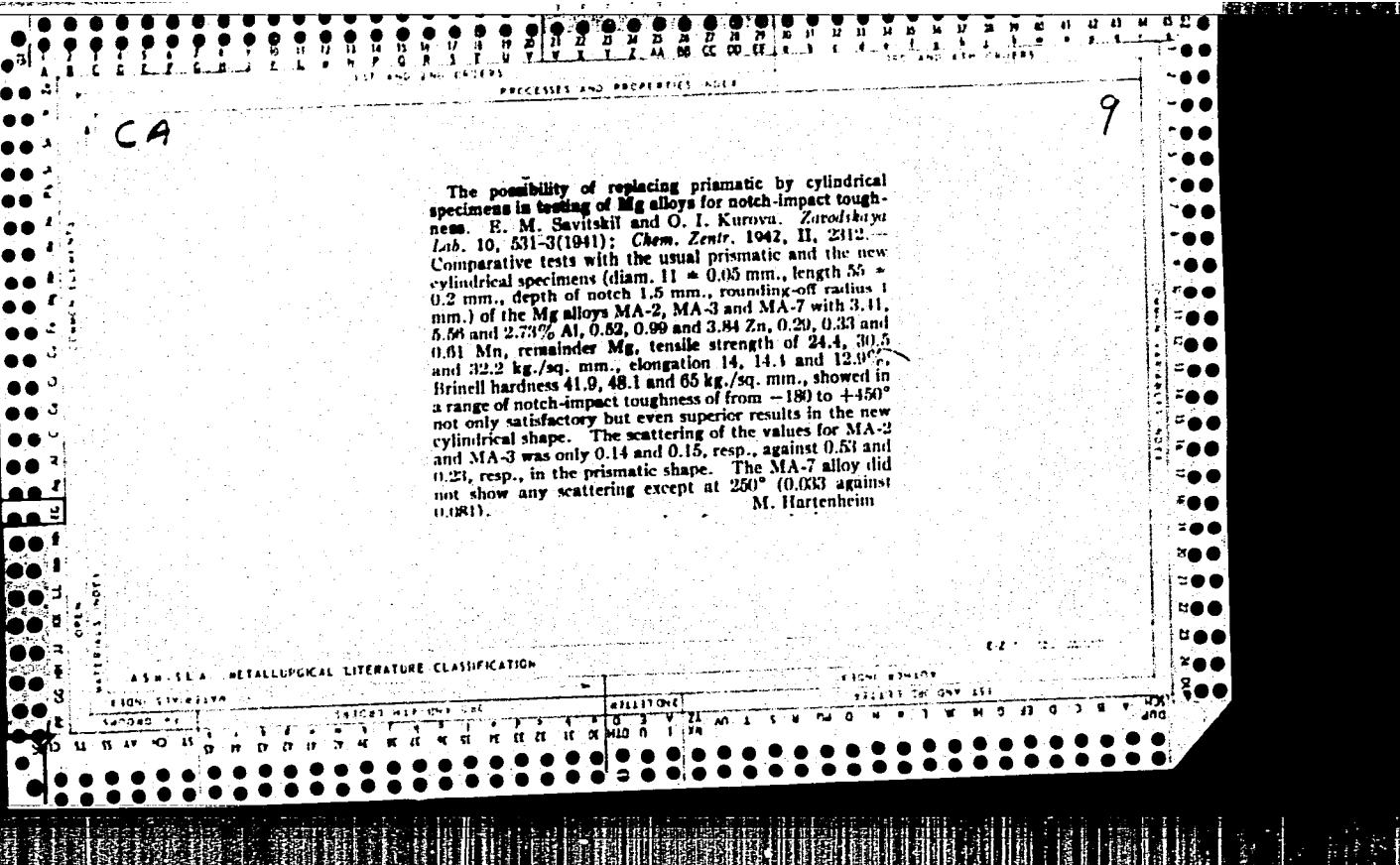
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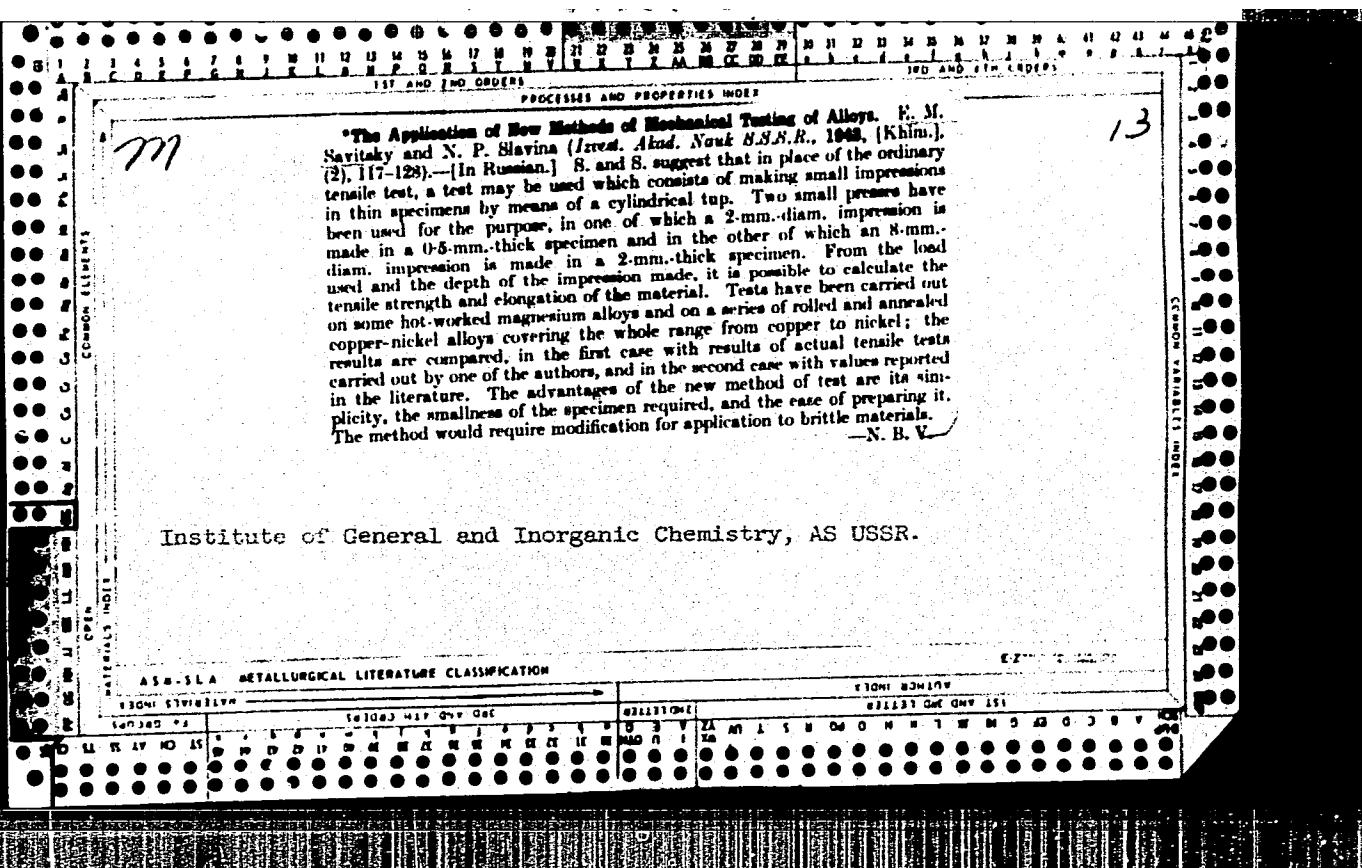


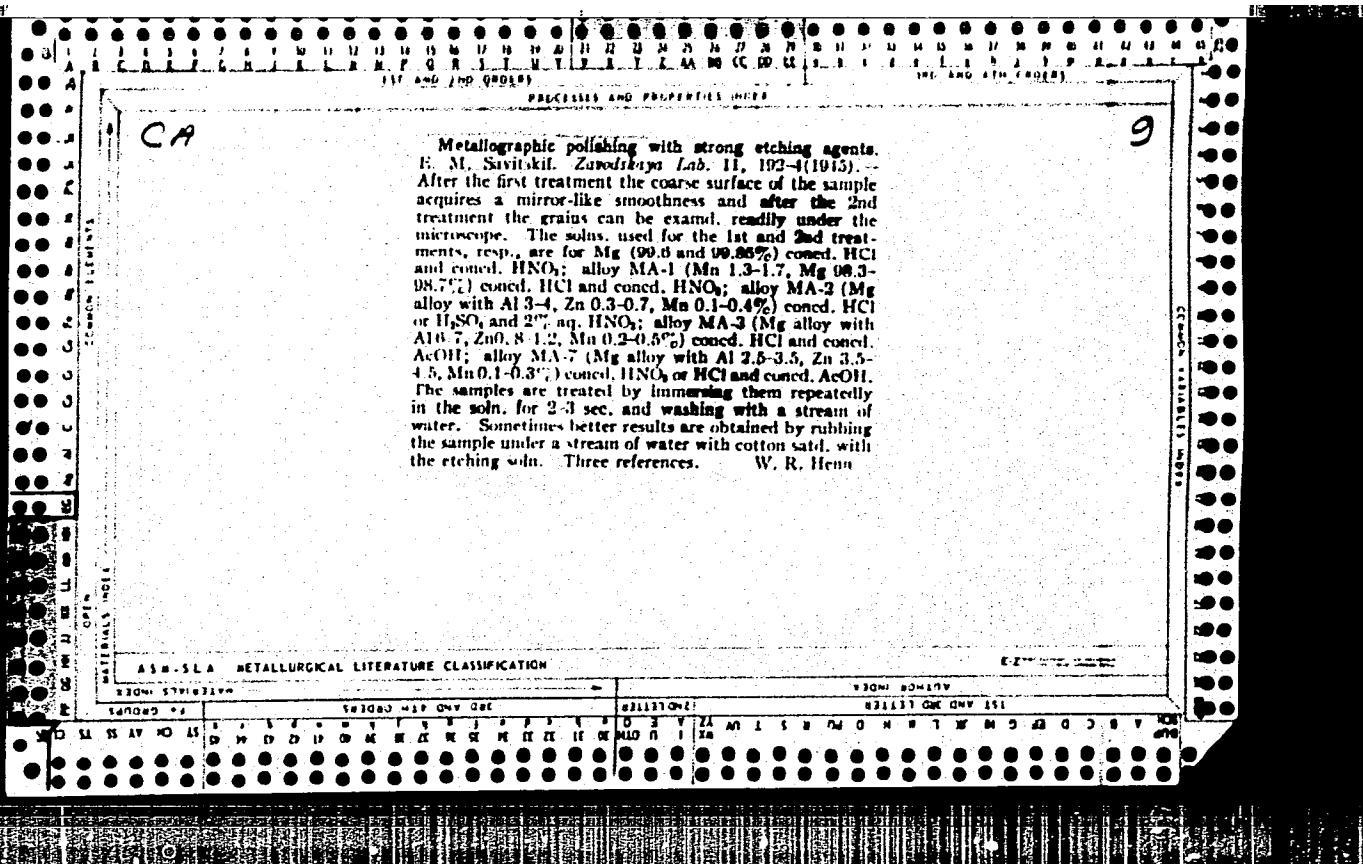


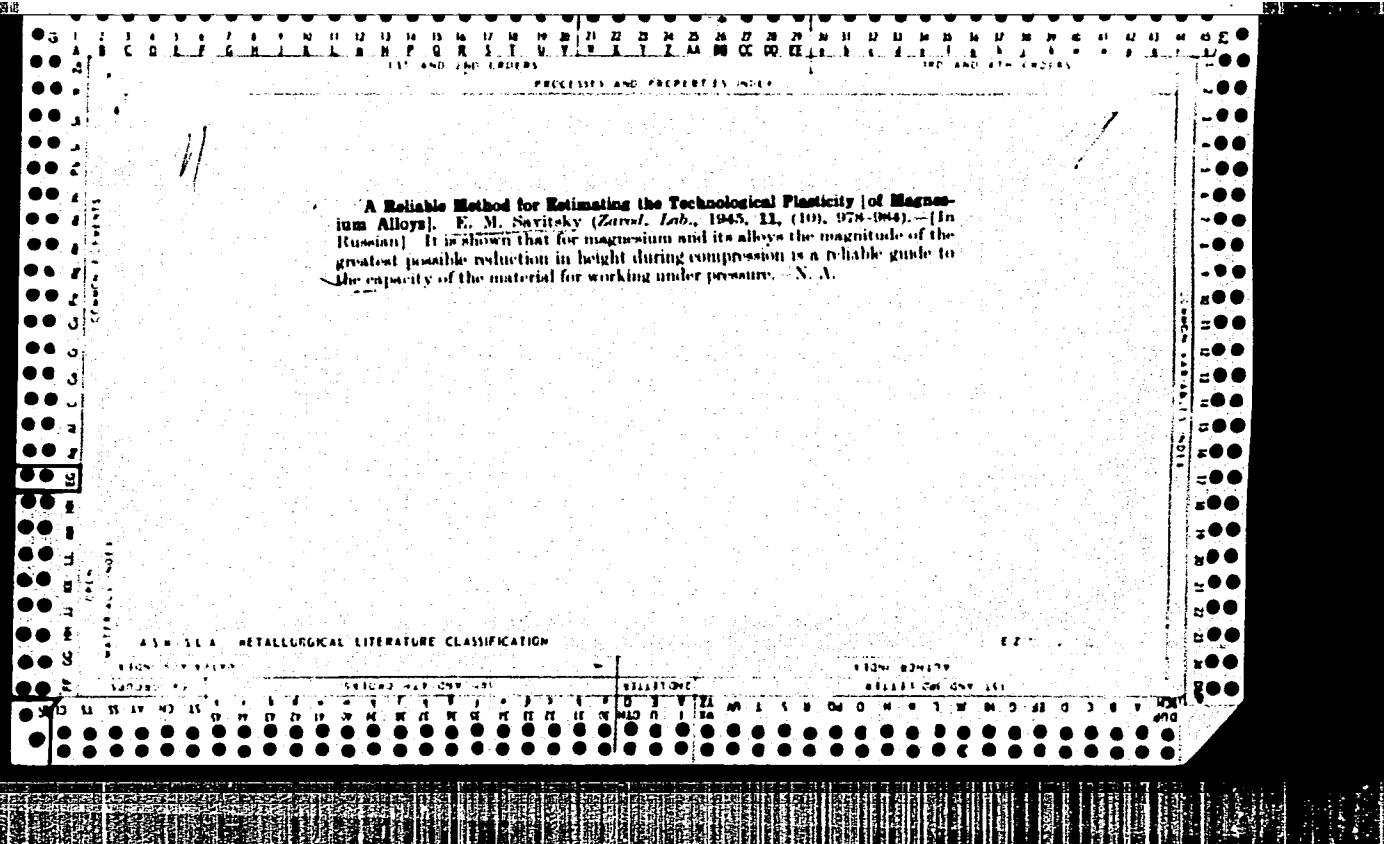


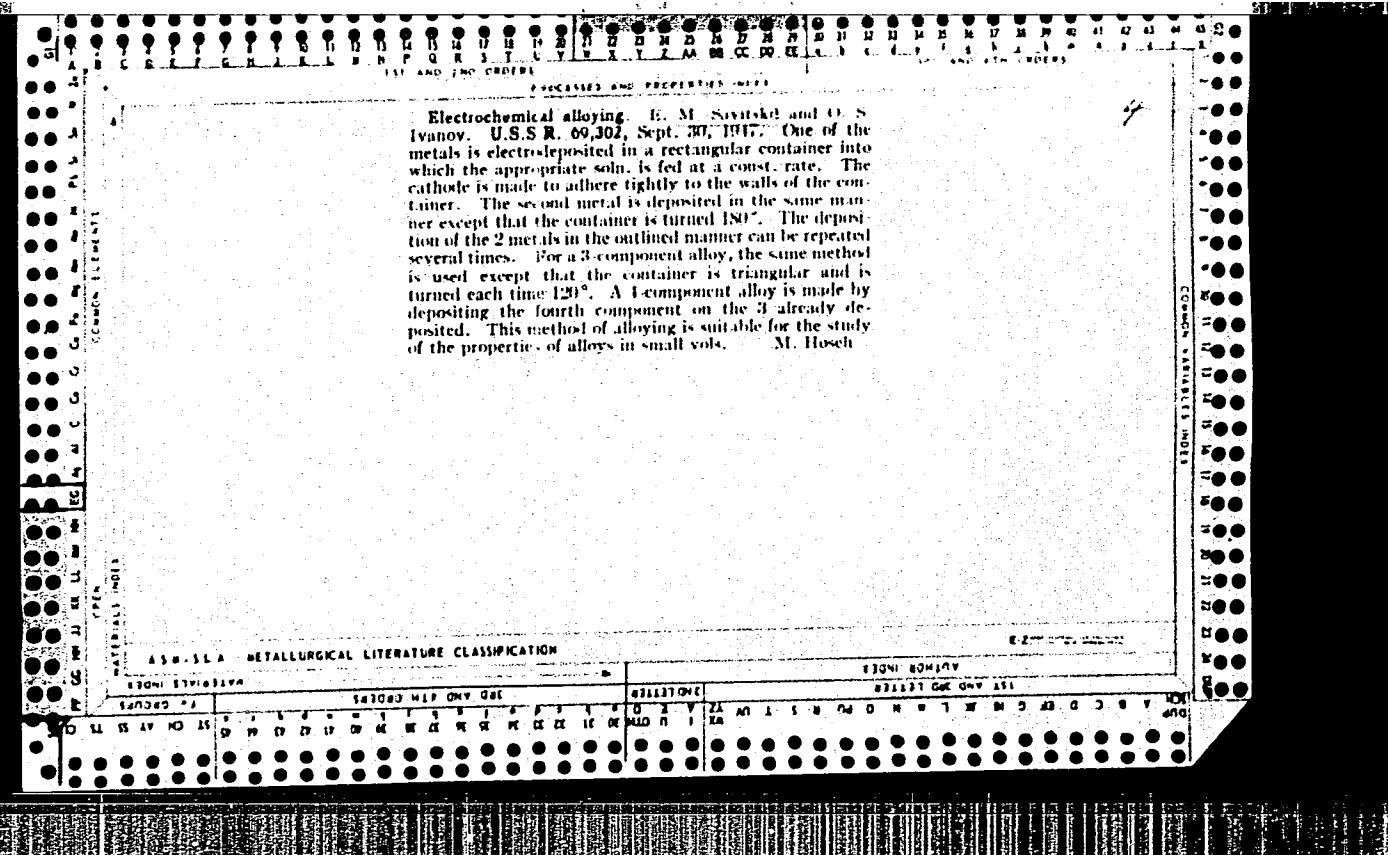
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On the Influence of Rate of Deformation and Temperature on the Plasticity of Magnesium Alloys. S. I. Gubkin and E. M. Savitsky (*Izv. Akad. Nauk Fiziko-Khim. Anal. (Akad. Nauk S.S.R.)*, 1941, **14**, 235-244).—[In Russian.] A full account of work, the principal results of which have already been recorded in English in *Compt. rend. (Doklady) Acad. Sci. U.R.S.S.*, 1940, **28**, (2), 131; see *Met. Akad.* 1941, **6**, 285.—N. B. V.

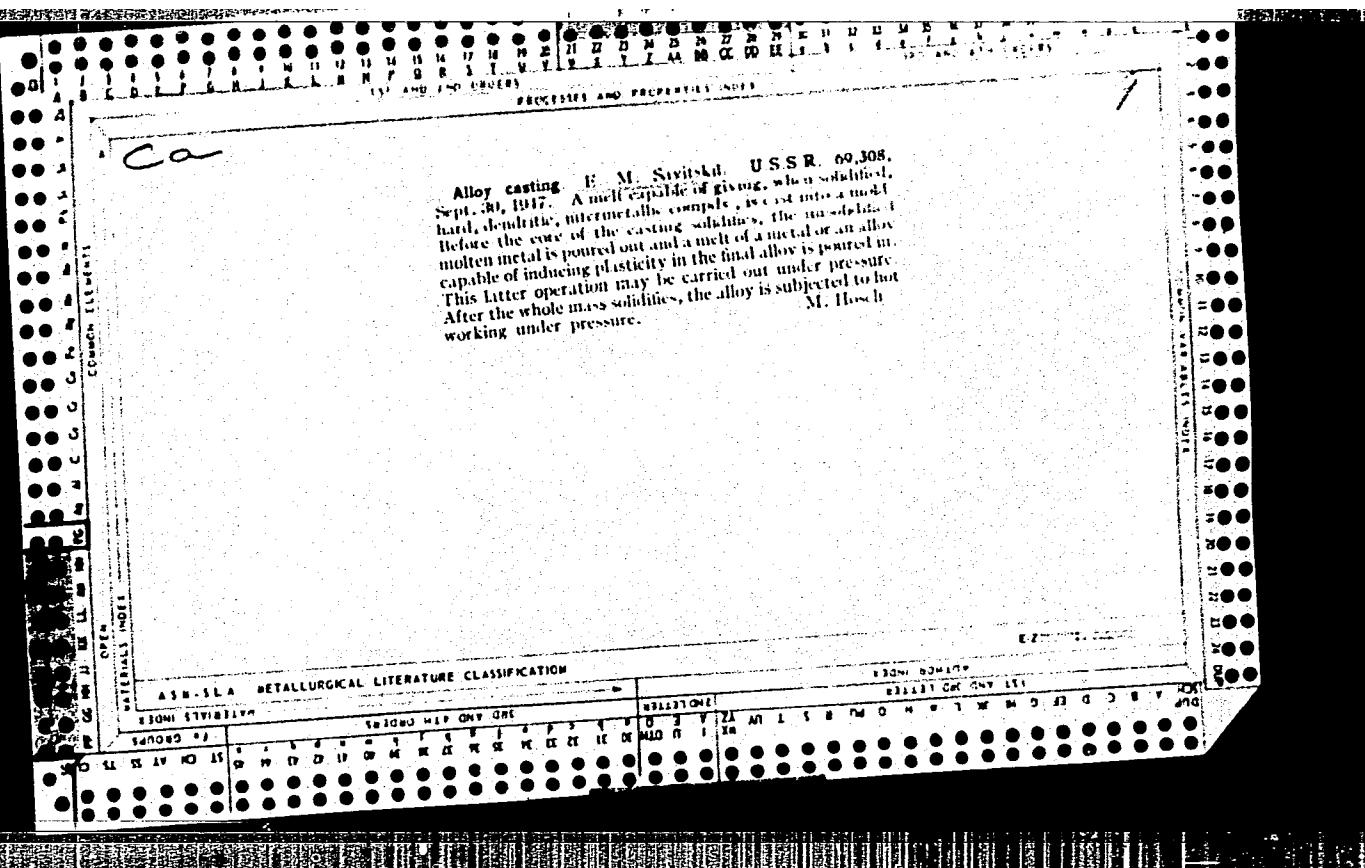
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"Effect of Al and Zn on Rolling Properties of Mg," Zhur. Tekh. Fiz. 18, 1948.

PA 36/49T12

USSR/Chemistry - Systems
Chemistry - Plasticity

Sep 48

"Plasticity of Intermetallic Phases," Ye. M.
Savitskiy, 3 pp

"Dok Ak Nauk SSSR" Vol LXII, No 3

Discusses intermetallic phases in the systems Mg-Zn, Mg-Al, and Cu-Zn. States that extremely sharp increase in plasticity of intermetallic phases cannot be explained solely by increase in thermal part of plasticity, i. e., by increase in amplitude of thermic oscillations of atoms. Assumes presence of some kind of quantitative changes, facilitating

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USSR/Chemistry - Systems (Contd)

Sep 48

deformation in structure of crystallic lattices of intermetallic phases during heating (appearance of new lines of sliding, formation of allotropic modifications with simpler lattices, change in character of chemical bond, etc.). Submitted by Acad G. G. Urazov, 10 July 48.

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